SAMSUNG

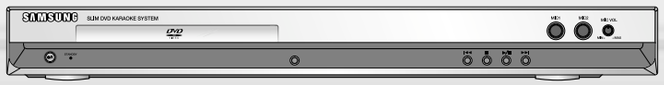
ULTRA SLIM DVD KARAOKE SYSTEM

DVD-K120
DVD-K130
DVD-K250

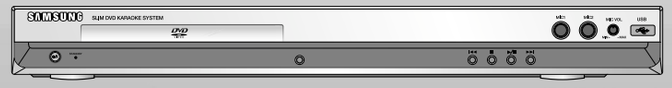
THIS APPLIANCE IS MANUFACTURED BY:

Instruction Manual

(DVD-K120)



(DVD-K130)



(DVD-K250)

AH68-01781E

Safety Warnings

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

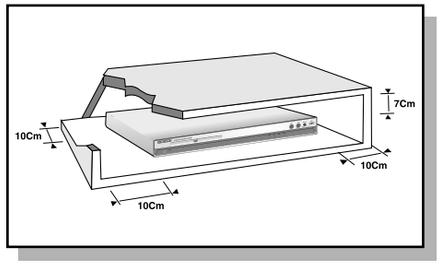
This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.

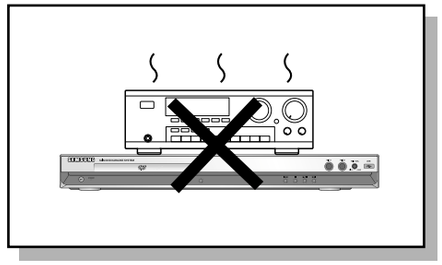
This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

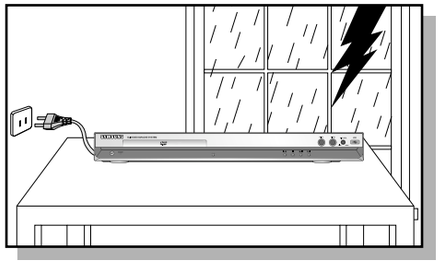
This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.
To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.
Business users should contact their supplier and check the terms and conditions of the purchase contract.
This product should not be mixed with other commercial wastes for disposal.

Precautions

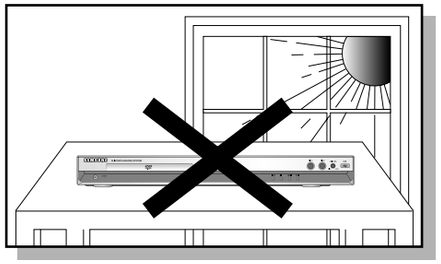




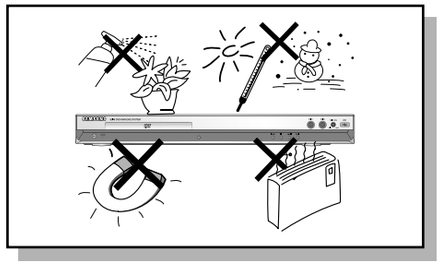
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (7.5~10cm). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



During thunderstorms, disconnect AC main plug from the wall outlet.
Voltage peaks due to lightning could damage the unit.



Do not expose the unit to direct sunlight or other heat sources.
This could lead to overheating and malfunction of the unit.

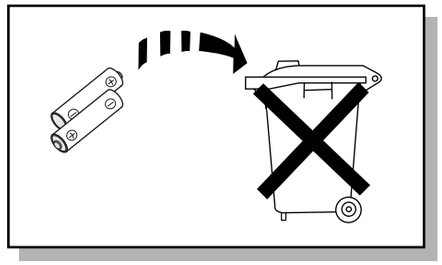


Protect the player from moisture(i.e. vases) , and excess heat(e.g.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use.

Use of this product is for personal use only.

Condensation may occur if your player or disc have been stored in cold temperatures.

If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.



The battery used with this product contain chemicals that are harmful to the environment.

Do not dispose of batteries in the general household trash.

Notes on Discs

DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.

DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is given on the rear panel of the player.
(Your DVD player will only play DVDs that are labeled with identical region codes.)

Playable Discs

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
DVD-VIDEO	DVD VIDEO	Audio + Video	12cm	Approx. 240 min. (single-sided)
				Approx. 480 min. (double-sided)
			8cm	Approx. 80 min. (single-sided)
				Approx. 160 min. (double-sided)
VIDEO-CD	COMPACT disc DIGITAL VIDEO	Audio + Video	12cm	74 min.
			8cm	20 min.
AUDIO-CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	74 min.
			8cm	20 min.
DivX	DivX VIDEO	MPEG4 MP3	12cm	74 min.
			8cm	20 min.

Do not use the following types of disc!

- LD, CD-G, CD-I, CD-ROM and DVD-ROM cannot be played on this player.
  If such discs are played, a "WRONG DISC FORMAT" message appears on the TV screen.
- DVD discs purchased abroad may not play on this player.
  If such discs are played, a "CAN'T PLAY THIS DISC PLEASE, CHECK REGION CODE" message appears on the TV screen.

Copy Protection

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

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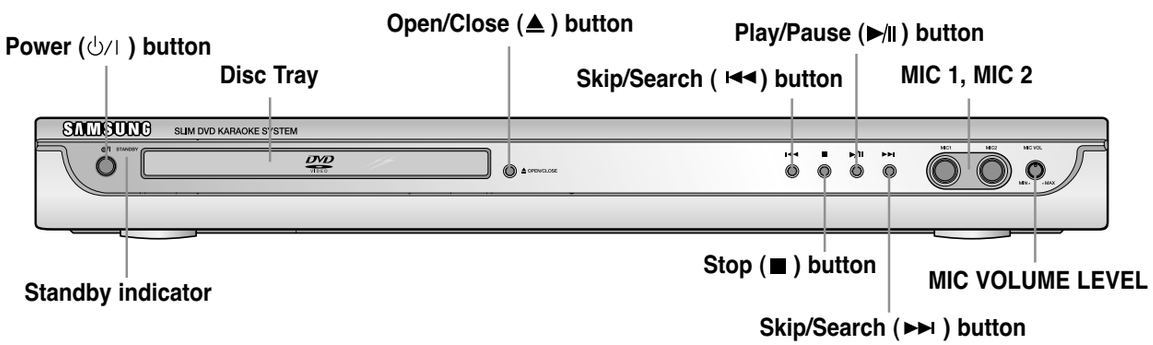
Description

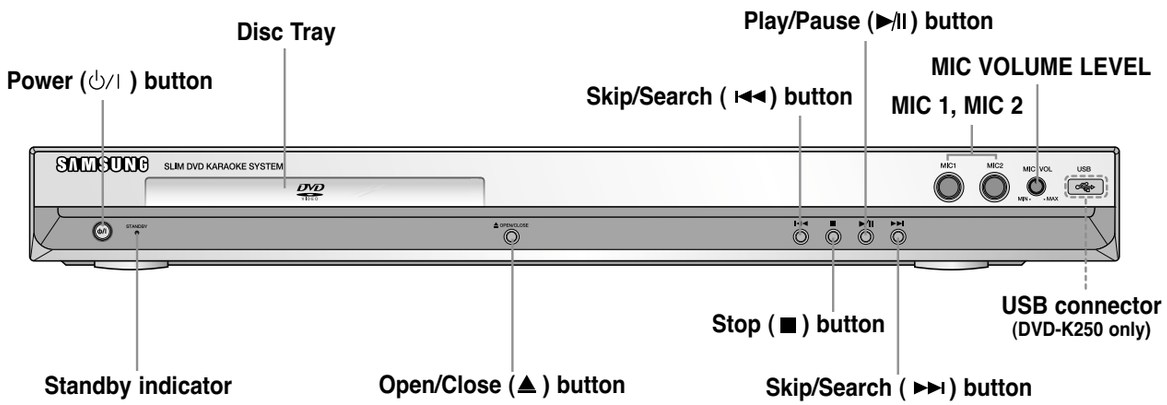
—Front Panel—

DVD-K120



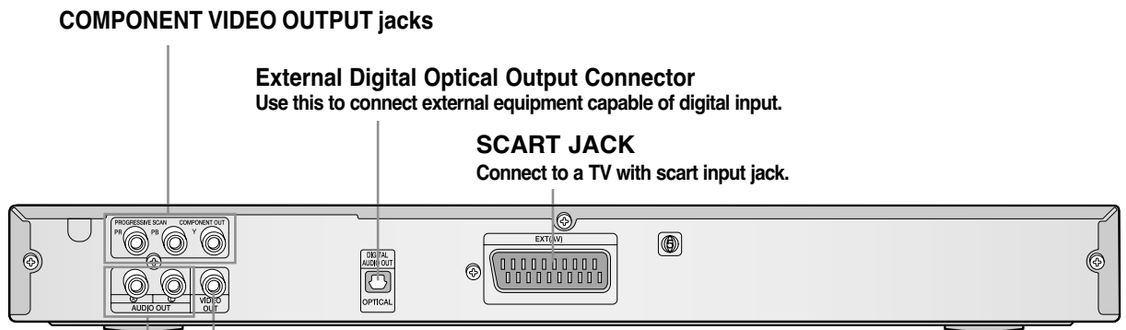
—Front Panel—

DVD-K130/DVD-K250



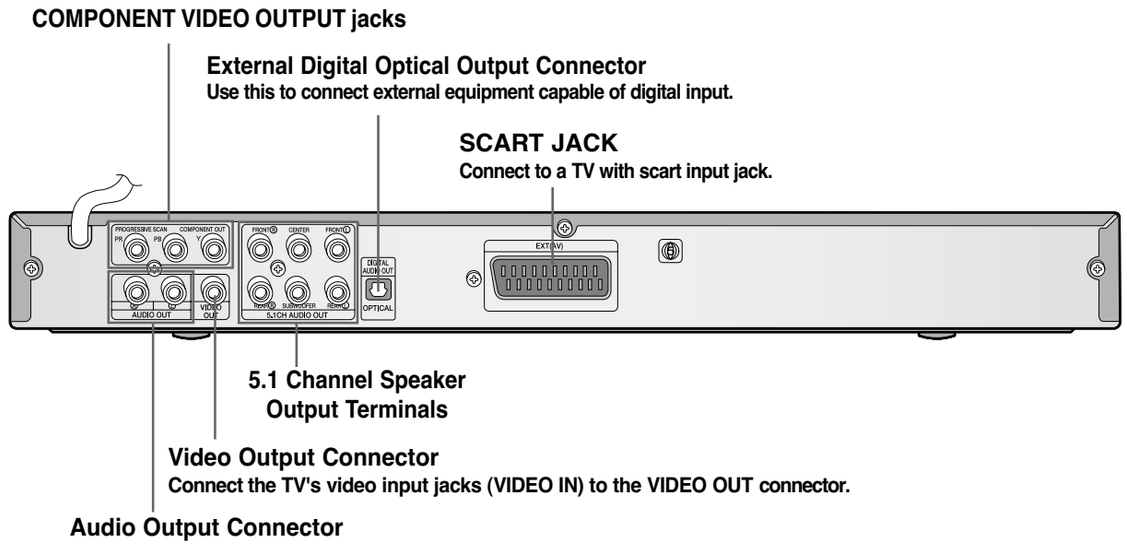
—Rear Panel—

DVD-K120


COMPONENT VIDEO OUTPUT jacks
External Digital Optical Output Connector
Use this to connect external equipment capable of digital input.
SCART JACK
Connect to a TV with scart input jack.
Video Output Connector
Connect the TV's video input jacks (VIDEO IN) to the VIDEO OUT connector.
Audio Output Connector

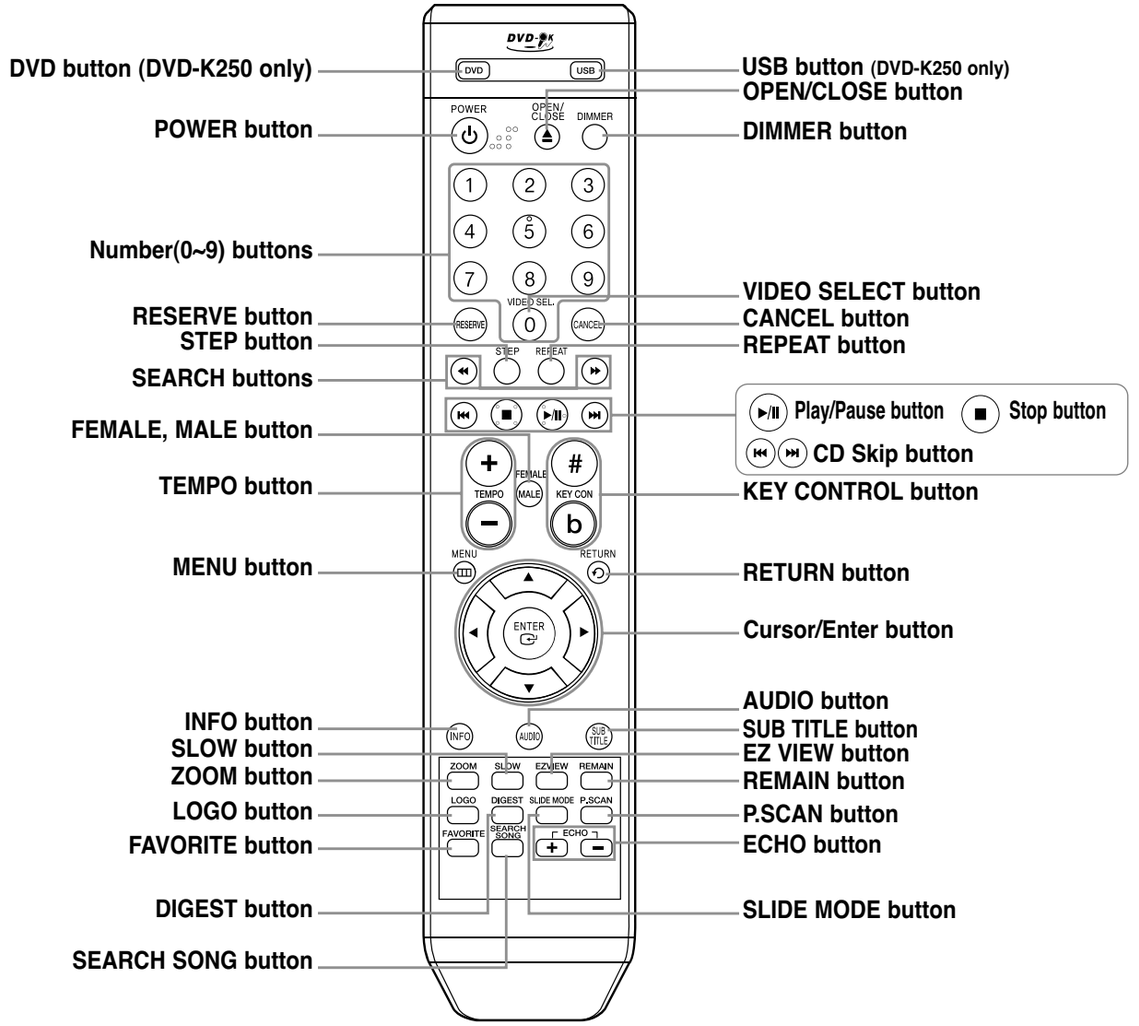
—Rear Panel—

DVD-K130/DVD-K250

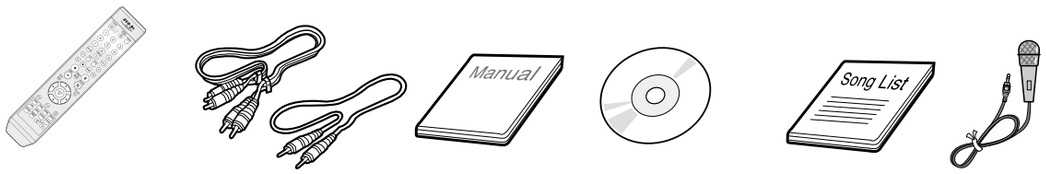

COMPONENT VIDEO OUTPUT jacks
External Digital Optical Output Connector
Use this to connect external equipment capable of digital input.
SCART JACK
Connect to a TV with scart input jack.
5.1 Channel Speaker
Output Terminals
Video Output Connector
Connect the TV's video input jacks (VIDEO IN) to the VIDEO OUT connector.
Audio Output Connector

Description (Con't)

—Remote Control—



Accessories



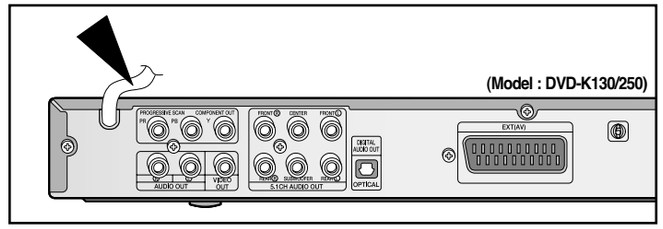
REMOTE CONTROL AUDIO/VIDEO CABLE MANUAL DVD KARAOKE DISC SONG LIST BOOK MIC

Connecting your System to the Power Supply

The main lead must be plugged into an appropriate socket.

1 Plug the main lead (marked AC Cord on the rear of the system) into an appropriate socket.

2 Press the Standby/On button to switch your DVD Karaoke System on.



Note

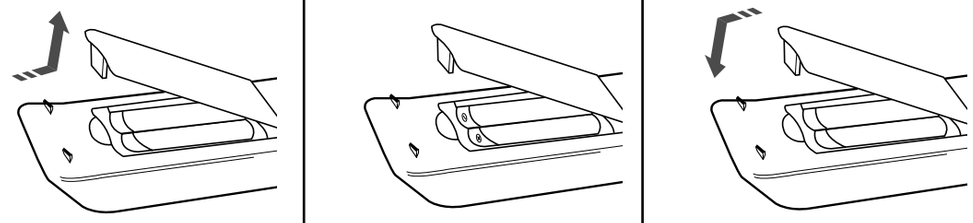
- Before plugging your system into a main socket, you must check the voltage.

Insert Remote Batteries

1 Remove the battery cover in the direction of the arrow.

2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and –).

3 Replace the battery cover.



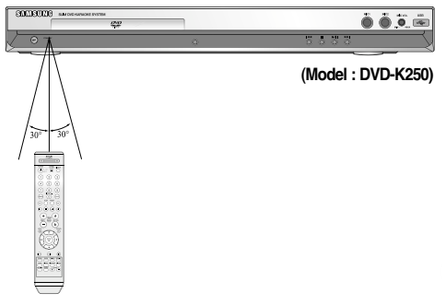
Caution

Follow these precautions to avoid leaking or cracking cells:

- Place batteries in the remote control so they match the polarity:(+) to (+) and (–) to (–).
- Use the correct type of batteries. Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose batteries to heat or flame.

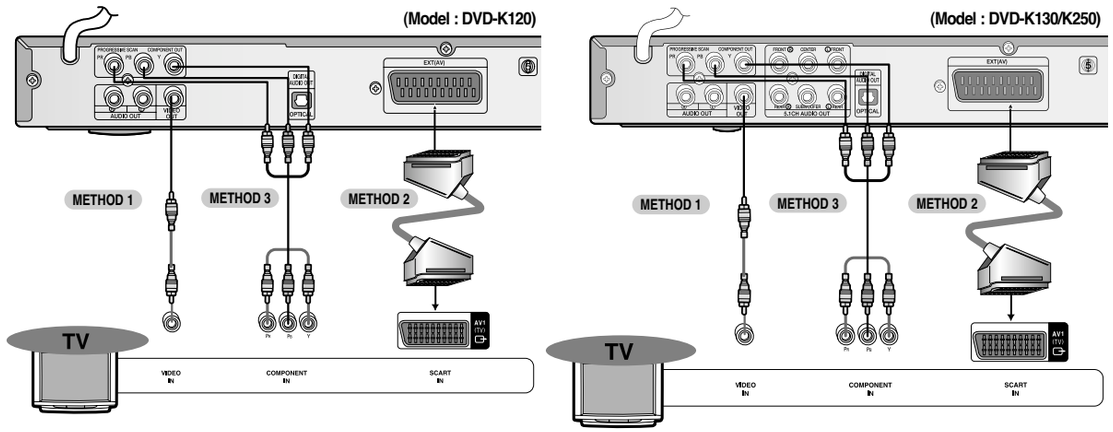
Range of Operation of the Remote Control

The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



Connecting the Video Out to TV

Choose one of the three methods for connecting to a TV.



METHOD 1 Composite Video ····· Good Quality

Connect the supplied video cable from the VIDEO OUT jack on the back panel of the system to the VIDEO IN jack on your television.

METHOD 2 Scart ····· Better Quality

If you television is equipped with an SCART input, connect an Scart Jack (not supplied) from the AV OUT jack on the back panel of the system to the SCART IN jack on your television.

VIDEO SELECT Function

Press and hold VIDEO SEL. button on the remote control for over 5 seconds.

- "COMPOSITE" or "RGB" will appear in the display.
  At this time, press the VIDEO SEL. button shortly to select between "COMPOSITE" and "RGB".
- If Scart (RGB Input) is equipped for your TV, press VIDEO SEL. button to select RGB mode.
  You can get a better picture quality by using Scart setting.
- If Scart (RGB Input) is not equipped for your TV, press VIDEO SEL. button to select COMPOSITE mode.

METHOD 3 Component (Progressive Scan) Video ····· Best Quality

If your television is equipped with Component Video inputs, connect a component video cable (not supplied) from the Pr, Pb and Y jacks on the back panel of the system to the corresponding jacks on your television.

	IScan	PScan
SCART (RGB/Composite)	O	X
Composite	O	X
Component (PrPbY)	X	O

Note

- o – output signal available;
  x – output signal not available.

P.SCAN(Progressive Scan) Function

Unlike regular Interlace Scan, in which two fields of picture information alternate to create the entire picture (odd scan lines, then even scan lines), Progressive Scan uses one field of information (all lines displayed in one pass) to create a clear and detailed picture without visible scan lines.

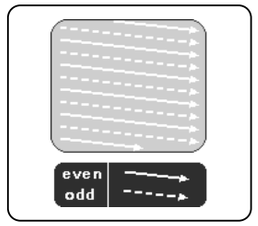
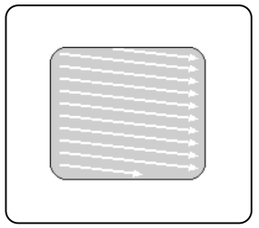
1 Press STOP button.

- When disc is played back, press the STOP button twice so that "STOP", appears on the display.

2 Press and hold P.SCAN button on the remote control for over 5 seconds.

- Pressing and holding the button for over 5 seconds will select "Progressive Scan" and "Interlace Scan" alternately.
- When you select P.SCAN, "P.SCAN" will appear on the display.
- To set P.Scan mode for DivX discs, press the P.SCAN button on the remote control for more than 5 seconds with no disc in the unit ("NO DISC" on the display), then load the DivX disc and play.

What is Progressive (or Non-Interlaced) Scanning?

Interlaced Scan (1 FRAME = 2 FIELDS)	Progressive Scan (FULL FRAME)
	
In interlaced-scan video, a frame consists of two interlaced fields (odd and even), where each field contains every other horizontal line in the frame. The odd field of alternating lines is displayed first, and then the even field is displayed to fill in the alternating gaps left by the odd field to form a single frame. One frame, displayed every 1/25th of a second, contains two interfaced fields, thus a total of 50 fields are displayed every 1/50th of a second. The interlaced scanning method is intended for capturing a still object.	The progressive scanning method scans one full frame of video consecutively down the screen, line by line. An entire image is drawn at one time, as opposed to the interlaced scanning process by which a video image is drawn in a series of passes. The progressive scanning method is desirable for dealing with moving objects.

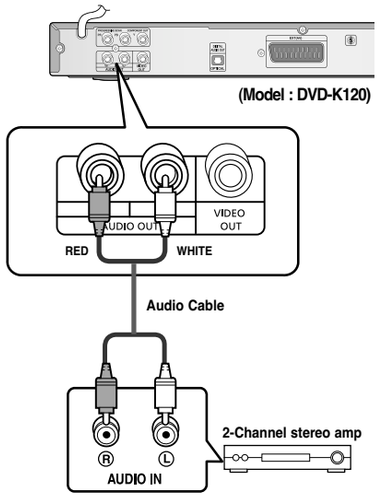
Note

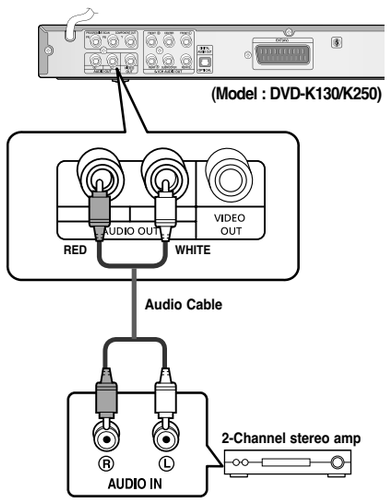
- This function works only on TVs equipped with component video inputs (Y, Pr, Pb) that support Progressive Video. (It does not work on TVs with conventional component inputs, i.e., non-progressive scan TVs.)
- Depending on the brand and model of your TV, this function may not work.

Connecting the Audio Out to Amplifier

Connection to an Audio System (2 Channel Amplifier)

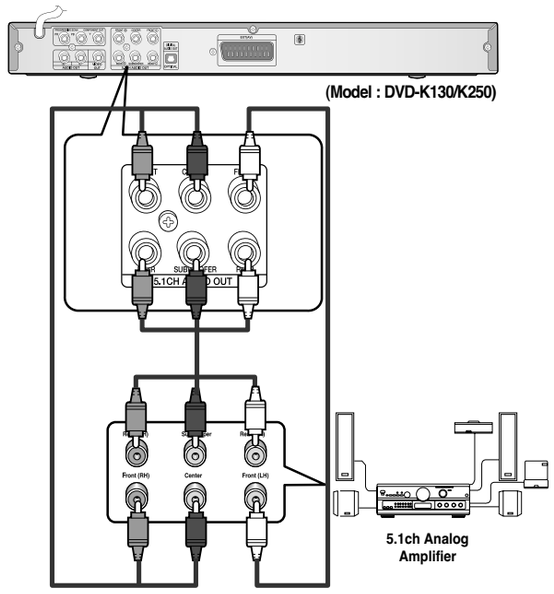
Using the audio cables, connect the AUDIO (red and white) OUT terminals on the rear of the DVD player to the AUDIO (red and white) IN terminals of the Amplifier.





Connection to a 5.1CH Analog Amplifier

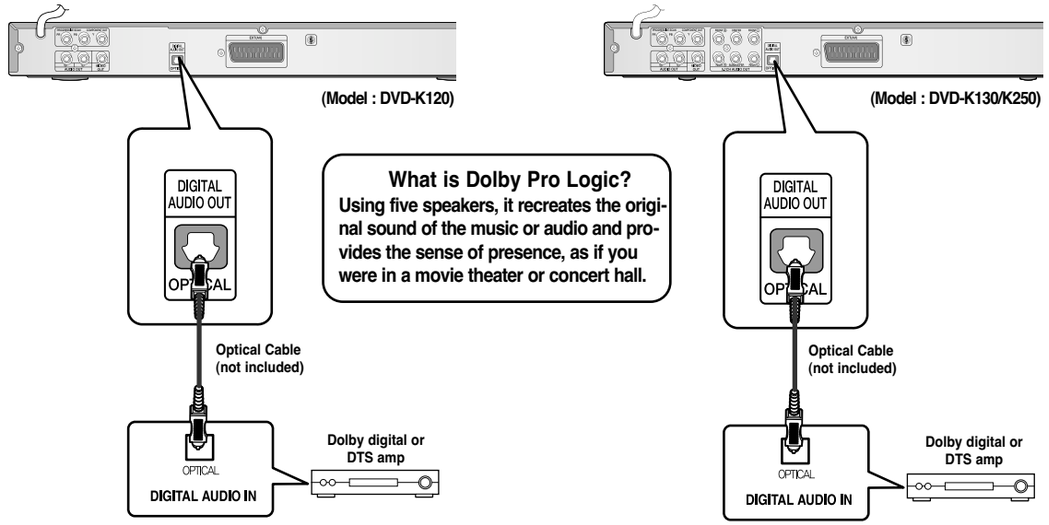
If using audio cables for 5.1 CH Analog Amplifier (not included) connect the 5.1CH ANALOG AUDIO OUT terminals on the rear of the DVD player to the 5.1CH ANALOG AUDIO IN terminals of the 5.1CH Analog Amplifier.



Connection for better sound

Connecting to an amplifier with Dolby Pro Logic support.

If using an optical cable (not included), connect the DIGITAL AUDIO OUT (OPTICAL) terminal on the rear of the DVD player to the DIGITAL AUDIO IN (OPTICAL) terminal of the Amplifier.



What is Dolby Pro Logic?
Using five speakers, it recreates the original sound of the music or audio and provides the sense of presence, as if you were in a movie theater or concert hall.

Note

- **When playing a DTS disc, no sound is produced. In such case, use an amplifier equipped with a DTS decoder.**
- **When playing back a 5.1 channel encoded DVD, sound is output from the center and rear speakers only.**
- **When playing back a 2 channel encoded DVD, CD, tape, or tuner, no sound is output from the center and rear speakers.**
- **Please turn the volume down when you turn on the Amplifier. Sudden loud sound may cause damage to the speakers and your ears.**
- **The position of terminals may vary depending on the Amplifier. Please refer to the user's manual of the Amplifier.**

Disc Playback

1 **Press OPEN/CLOSE button to open the disc tray.**

2 **Load a disc.**

- Place a disc gently into the tray with the disc's label facing up.

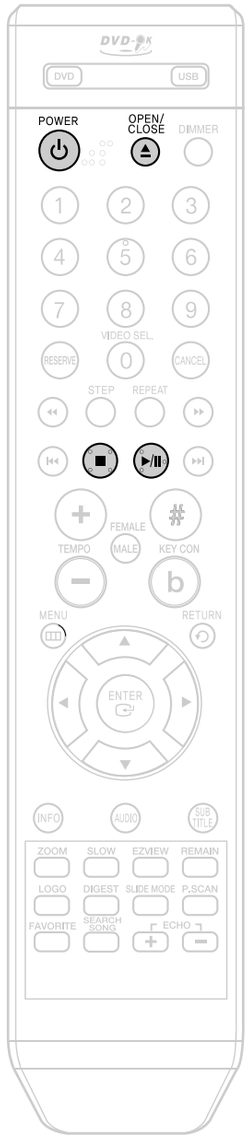
3 **Press OPEN/CLOSE button to close the disc tray.**

DVD VCD CD

- Playback starts automatically.

Note

- Depending on the content of the disc, the initial screen may appear different.



To stop playback, press STOP during playback.

- If pressed once, "PRESS PLAY" is displayed and the stop position will be stored in memory. If PLAY/PAUSE (▶/II) button or ENTER button is pressed, playback resumes from the stop position. (This function works only with DVDs.)
- If pressed twice, "STOP" is displayed, and if PLAY/PAUSE (▶/II) button is pressed, playback starts from the beginning.

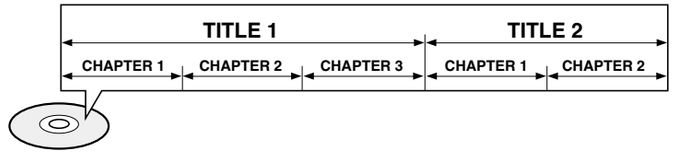
To temporarily pause playback, press PLAY/PAUSE during playback.

- To resume playback, press PLAY/PAUSE (▶/II) button again.

Disc terminology

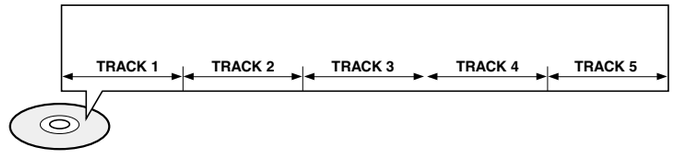
Titles and chapters (DVD-VIDEO)

- DVD-video is divided into several large sections called "titles" and smaller sections called "chapters". Numbers are allotted to these sections.
  These numbers are called "title numbers" and "chapter numbers".



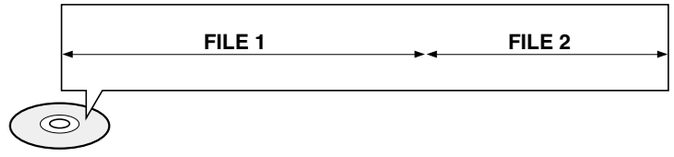
Tracks (Video and music CDs)

- Video and music CDs are divided into sections called "tracks".
  Numbers are allotted to these sections. These numbers are called "track numbers".



Files (DivX)

- DivX is divided into sections called "files".
  Numbers are allotted to these sections. These numbers are called "file numbers".



Note

- In this manual, the instructions marked with "DVD (DVD)" are applicable to DVD-VIDEO and DVD-R/RW discs.
  Where a particular DVD type is mentioned, it is indicated separately.
- Depending on the content of the disc, the initial screen may appear different.
- Cyrillic symbols in file names will not be displayed.
- There may be noise when playing media files with microphone connected.
  Disconnect the microphone when the Karaoke function is not used.

DivX Playback

The functions on this page apply to DivX disc playback.

Skip Forward/Back

During playback, press the I◀◀ ▶▶I button.

- Goes to the next file whenever you press ▶▶I button, if there are over 2 files in the disk.
- Goes to the previous file whenever you press I◀◀ button, if there are over 2 files in the disk.

Fast playback

To play back the disc at a faster speed, press ◀◀ or ▶▶ during playback.

- Each time you press either button, the playback speed will change as follows:
  2x → 4x → 8x → 32x → Normal.

5 Minute Skip function

During playback, press the ◀ ,▶ button.

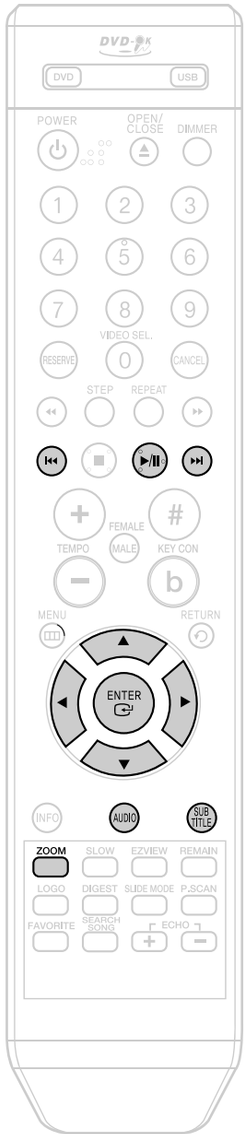
- Playback skips 5 minutes forward whenever you press ▶ button.
- Playback skips 5 minutes back whenever you press ◀ button.

Zoom Function

1 Press ZOOM button.

- Each time you press the button, your selection will toggle between "ZOOM X2" and "ZOOM OFF".

2 Press Cursor▲ ,▼ , ◀ ,▶ buttons to move to the area you want to enlarge.



Note

- DivX file can be zoomed only in ZOOM X2 mode.
- DivX files have .Avi file extensions, however, not all .Avi files are DivX and may not be playable in this unit.

Subtitle Display

Press the SUBTITLE button.

- Each time you press the button, your selection will toggle between "SUBTITLE(1/8, 2/8 ...)" and "SUBTITLE OFF".
- If the disc has only one subtitle file, it will be played automatically.
- See number 2 (Caption Function) below for more details concerning Subtitle usage with DIVX discs.

Audio Display

Press the AUDIO button.

- If there are multiple audio tracks on a disc, you can toggle between them.
- Each time you press the button, your selection will toggle between "AUDIO(1/8, 2/8 ...)" and " ".

Note • " " is displayed when there is one supported language in the disc.

DivX(Digital internet video eXpress)

DivX is a video file format developed by Microsoft and is based on MPEG4 compression technology to provide audio and video data over the Internet in real-time.
MPEG4 is used for video encoding and MP3 for audio encoding so that the users can watch a movie at near DVD-quality video and audio.

1. Supported Formats

- This product only supports the following media formats. If both video and audio formats are not supported, the user may experience problems such as broken images or no sound.

• Supported Video Formats

Format	AVI	WMV
Supported Versions	DivX3.11 ~ 5.1	V1/V2/V3/V7

• Supported Audio Formats

Format	MP3	WMA	AC3	DTS
Bit Rate	80~384kbps	56~128kbps	128~384kbps	1.5Mbps
Sampling Frequency	44.1khz		44.1/48khz	44.1khz

- DivX files, including audio and video files, created in the DTS format can only support up to 6Mbps.
- Aspect Ratio: Although default DivX resolution is 640*480 pixels (4:3), this product supports up to 720*480 pixels (16:9). TV screen resolutions higher than 800 will not be supported.
- When you play a disc whose sampling frequency is higher than 48khz or 320kbps, you may experience shaking on the screen during playback.
- QPEL and GMC formats are not supported.

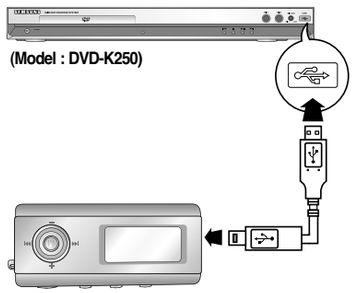
2. Caption Function

- You must have some experience with video extraction and editing in order to use this feature properly.
- To use the caption function, save the caption file (*.smi) in the same file name as that of the DivX media file (*.avi) within the same folder.
  Example. Root Samsung_007CD1.avi
  Samsung_007CD1.smi
- Up to 60 alphanumeric characters or 30 East Asian characters (2 byte characters such as Korean and Chinese) for the file name.

Playing Media Files using the USB HOST feature (DVD-K250 only)

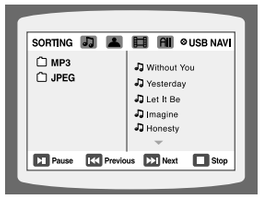
You can enjoy the media files such as pictures, movies and tunes saved in an MP3 player, USB memory or digital camera in high visual and high audio quality of 5.1 channel home theater sound by connecting the storage device to the USB port of the home theater.

1 Connect the USB device to the USB port on the front of the unit.



2 Press the USB button on the remote control to select the USB mode.

- "USB" appears on the display screen and then disappear.
- USB MENU screen appears on the TV screen and the saved file is played.



To stop playback, press the STOP (■) button.

Safe USB Removal

To prevent damage to the memory stored in the USB device, perform safe removal before disconnecting the USB cable.

(1) Press the Stop button twice in a row.
The display will show REMOVE.

(2) Remove the USB cable.

Skip Forward/Back

During playback, press the ⏮ ⏭ button.

- When there is more than one file, when you press the ⏭ button, the next file is selected.
- When there is more than one file, when you press the ⏮ button, the previous file is selected.

Fast playback

To play back the disc at a faster speed, press ◀◀ or ▶▶ during playback.

- Each time you press either button, the playback speed will change as follows:
  2x → 4x → 8x → 32x → Normal.

Compatible Devices

1. USB devices that support USB Mass Storage v1.0.
   (USB devices that operate as a removable disk in Windows (2000 or later) without additional driver installation.)
2. MP3 Player: HDD and flash type MP3 player.
3. Digital camera: Cameras that support USB Mass Storage v1.0.
   - Cameras that operate as a removable disk in Windows (2000 or later) without additional driver installation.
4. USB HDD and USB Flash Drive: Devices that support USB2.0 or USB1.1.
   - You may experience a difference in playback quality when you connect a USB1.1 device.
   - For a USB HDD, make sure to connect an auxiliary power cord to the USB HDD for proper operation.
5. USB card Reader: One slot USB card reader and Multi slot USB card reader
   - Depending on the manufacturer. the USB card reader may not be supported.
   - If you install multiple memory devices into a multi card reader, you may experience problems.
6. If you use a USB extension cable, the USB device might not be recognized.

• Supported Formats

	File name	File extension	Bit rate	Version	Pixel	Sampling Frequency
Still Picture	JPG	JPG .JPEG	–	–	640*480	–
Music	MP3	.MP3	80~384kbps	–	–	44.1kHz
	WMA	.WMA	56~128kbps	V8	–	44.1kHz
Movie	VCD	MPG.MPEG .DAT	1.5Mbps	VCD1.1,VCD2.0	320*480	44.1KHz
	WMV	.WMV	4Mbps	V1,V2,V3,V7	720*480	44.1KHz~48KHz
	DivX	.AVI,.ASF	4Mbps	DivX3.11~DivX5.1,Xvid	720*480	44.1KHz~48KHz

- CBI (Control/Bulk/Interrupt) is not supported.
- Digital Cameras that use PTP protocol or require additional program installation when connected to a PC are not supported.
- A device using NTFS file system is not supported.
  (Only FAT 16/32 (File Allocation Table 16/32) file system is supported.)
- Some MP3 players, when connected to this product,may not operate depending on the sector size of their file system.
- The USB HOST function is not supported if a product that transfers media files by its manufacturer-specific program is connected.
- Does not operate with Janus enabled MTP(Media Transfer Protocol) devices.
- The USB host function of this product does not support all USB devices.
  For information on the supported devices, see page 61.

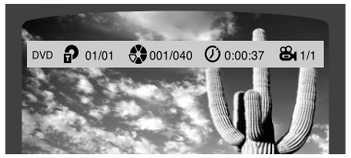
Displaying Disc Information

You can view playback information on the disc on the TV screen.

Press INFO button.

- Each time the button is pressed, the display changes as follows:

DVD



Display disappears

VCD CD

Display disappears

MP3 JPEG DivX

Display disappears

Note

- Depending on the disc, the disc information display may appear different.

- appears on the TV screen!
  If this symbol appears on the TV screen while buttons are being operated, that operation is not possible with the disc currently being played.

Screen Display

DVD	DVD display	TITLE display	TRACK (FILE) display	AUDIO LANGUAGE display	DOLBY DIGITAL	DOLBY DIGITAL display
VCD	VCD display	CHAPTER display	ELAPSED TIME display	SUBTITLE display		ANGLE display
CD	CD display	REPEAT PLAYBACK display	LR	STEREO (L/R) display		

Checking the Remaining Time

Press the REMAIN button.

- For checking the total and remaining time of a title or chapter being played.

Each time the REMAIN button is pressed

DVD

TITLE ELAPSED → TITLE REMAIN → CHAPTER ELAPSED → CHAPTER REMAIN

CD

TRACK ELAPSED → TRACK REMAIN → TOTAL ELAPSED → TOTAL REMAIN

VCD MP3

TRACK REMAIN → TRACK ELAPSED

Fast/Slow Playback

Fast Playback DVD VCD CD MP3

Press ◀◀ ▶▶ .

- Each time the button is pressed during playback, the playback speed changes as follows:

◀◀ 2X → ◀◀ 4X → ◀◀ 8X → ◀◀ 32X → ▶ PLAY

▶▶ 2X → ▶▶ 4X → ▶▶ 8X → ▶▶ 32X → ▶ PLAY

Slow Playback

Press SLOW button.

- Each time the button is pressed during playback, the playback speed changes as follows:

DVD

1/2 → 1/4 → 1/8 → ◀II 1/2 → ◀II 1/4 → ◀II 1/8 → ▶ PLAY

VCD

1/2 → 1/4 → 1/6 → ▶ PLAY

DivX

1/2 → 1/4 → 1/8 → ▶ PLAY

Note

- Reverse slow playback does not work with VCDs and DivX.
- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.
- No sound is heard during slow playback and step motion playback.

OPERATION

Skipping Scenes/Songs

DVD VCD MP3

press ⏮ ⏭ .

- Each time the button is pressed during playback, the previous or next chapter, track, or directory (file) will be played.
- But, you cannot skip chapters consecutively.

DVD

VCD

- When watching a VCD with a track longer than 15 minutes, each time ⏮ ⏭ is pressed, playback will skip back or forward 5 minutes.

MP3

Playing Frame by Frame DVD

Press STEP button.

- The picture moves forward one frame each time the button is pressed during playback.

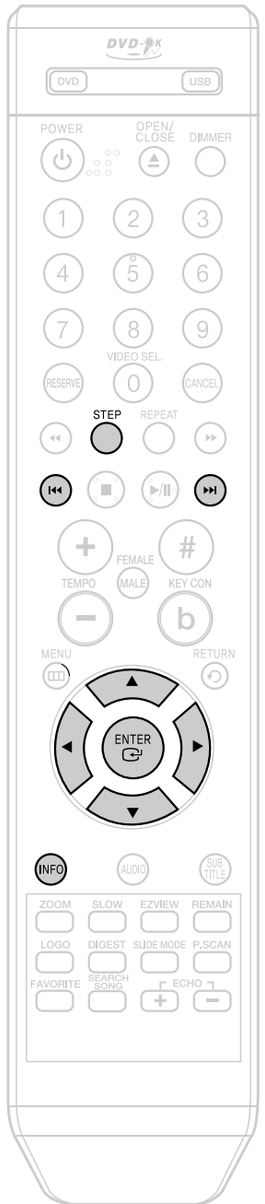
Notes

- No sound is heard during slow playback and step motion playback.

Angle Function

This function allows you to view the same scene in different angles.

DVD



1 Press INFO button.

DVD 01/01 001/040 0:00:37 1/3

2 Press Cursor ▶ button to move to ANGLE display.

DVD 01/01 001/040 0:00:37 1/3

3 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired angle.

- Each time the button is pressed, the angle changes as follows:

DVD 01/01 001/040 0:00:37 1/3 → 2/3 → 3/3

Note

- The Angle function works only with discs on which multiple angles have been recorded.

OPERATION

Repeat Playback

Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

DVD VCD CD MP3 JPEG

Press REPEAT button.

• Each time the button is pressed during playback, the repeat playback mode changes as follows:

DVD

REPEAT : CHAPTER → REPEAT : TITLE → REPEAT : OFF → (back to REPEAT : CHAPTER)

VCD CD

REPEAT : TRACK → REPEAT : DISC → REPEAT : OFF → (back to REPEAT : TRACK)

MP3 JPEG

REPEAT : RANDOM → REPEAT : TRACK → REPEAT : DIR → REPEAT : DISC → REPEAT : OFF → (back to REPEAT : RANDOM)

Repeat Playback Options

CHAPTER
Repeatedly plays the selected chapter.

TITLE
Repeatedly plays the selected title.

RANDOM
Plays tracks in random order.
(A track that has already been played may be played again.)

TRACK
Repeatedly plays the selected track.

DIR
Repeatedly plays all tracks in the selected folder.

DISC
Repeatedly plays the entire disc.

OFF
Cancels Repeat Playback.

Note

• Repeat playback operation is not possible with version 2.0 VCD discs if PBC is turned on. To use Repeat Playback on a VCD with PBC, you should set the MENU to OFF in the disc menu. (See page 29.)

To Select a Repeat Playback Mode in the Disc Information Screen

1 Press INFO button twice.

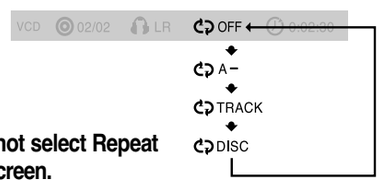
2 Press Cursor ▶ button to move to REPEAT PLAYBACK (↻) display.

3 Press Cursor ▼ button to select the desired Repeat Playback mode.

4 Press ENTER button.

DVD

VCD CD



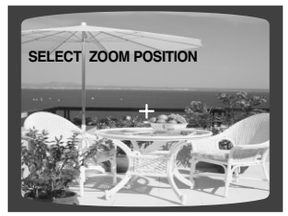
* For MP3 and JPEG discs, you cannot select Repeat Play from the information display screen.

Zoom (Screen Enlarge) Function

This function allows you to enlarge a particular area of the displayed image.

DVD VCD

1 Press ZOOM button.



2 Press Cursor▲,▼, ◀,▶ buttons to move to the area you want to enlarge.

3 Press ENTER button.

• Each time the button is pressed, the zoom level changes as follows:

ZOOM X 1.5 → ZOOM X 2 → ZOOM X 3 → ZOOM OFF → (back to ZOOM X 1.5)

EZ VIEW Function DVD

Press EZ VIEW button.

• Each time the button is pressed, the zoom function will switch between On and Off.
• When a movie is played in Wide screen format, black bars at the top and bottom of the TV screen can be removed by pressing the EZ VIEW button.

Note

• This function will not work if the DVD is recorded with multi-camera angle format.
• Black bars may not disappear because some DVD discs have a built-in horizontal to vertical ratio.

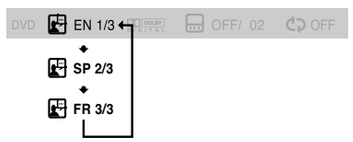
Selecting Audio/Subtitle Language

Audio Language Selection Function DVD

1 Press INFO button twice.

2 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired audio language.

- Depending on the number of languages on a DVD disc, a different audio language (ENGLISH, SPAIN, JAPANESE, etc.) is selected each time the button is pressed.



Note

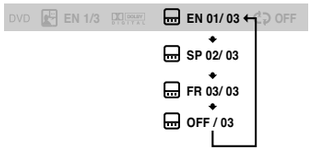
- You can use the AUDIO button on the remote control to select a audio language.

Subtitle Language Selection Function DVD

1 Press INFO button twice.

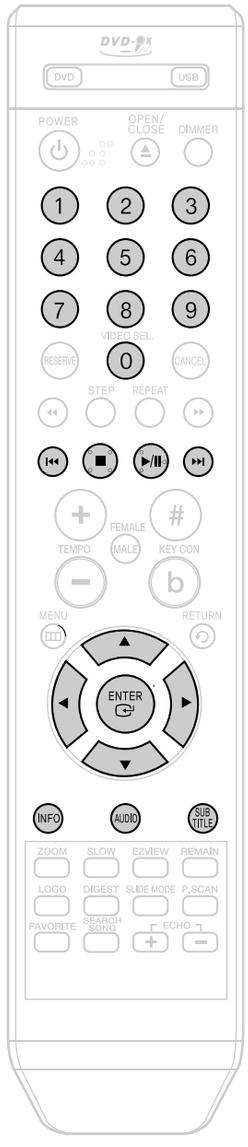
2 Press Cursor ▶ button to move to SUBTITLE display.

3 Press Cursor ▼ button or numeric buttons to select the desired subtitle.



Note

- You can use the SUBTITLE button on the remote control to select a subtitle language.
- Depending on the disc, the Subtitle and Audio Language functions may not be available.



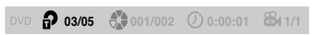
Moving Directly to a Scene/Song

DVD VCD CD

1 Press INFO button.

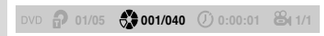
Moving to a Title/Track

2 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired title/track and then press ENTER button.



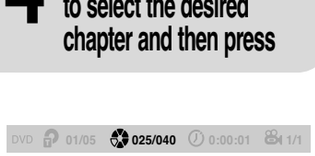
Moving to a Chapter

3 Press Cursor ◀ , ▶ buttons to move to Chapter display.



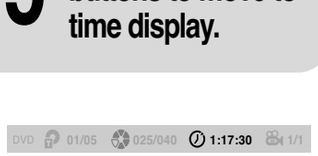
Moving to a Chapter

4 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired chapter and then press



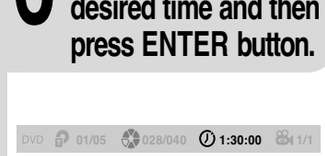
Moving to a Specific Time

5 Press Cursor ◀ , ▶ buttons to move to time display.



Moving to a Specific Time

6 Press the numeric buttons to select the desired time and then press ENTER button.



MP3 JPEG

Press the numeric buttons.

- The selected file will be played.
- When playing an MP3 or JEPG disc, you cannot use ▲ , ▼ to move a folder.
  To move a folder, press ■ (Stop) and then press ▲ , ▼ .

Note

- You can press ⏮ ⏭ on the remote control to move directly to the desired title, chapter, or track.
- Depending on the disc, you may not be able to move to the selected title or time.

OPERATION

JPEG File Playback JPEG

Images captured with a digital camera or camcorder, or JPEG files on a PC can be stored on a CD and then played back with this DVD player.

Slide Mode

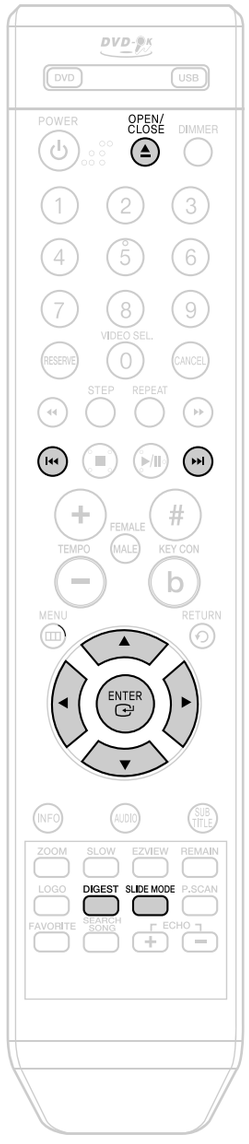
1 Place the JPEG disc on the disc tray.

2 Press the OPEN/CLOSE button.

3 Press SLIDE MODE button.

- Playback starts automatically.
- Each time the button is pressed, the image makes the transition as follows:

SLIDE SHOW MODE : 1	From top to bottom
SLIDE SHOW MODE : 2	From bottom to top
SLIDE SHOW MODE : 10	Rectangular shape in the center
SLIDE SHOW MODE : 11	Vertical blinds effect
SLIDE SHOW MODE : RANDOM	Each time a new image is displayed, slide modes (1~11) will be applied randomly and automatically.
SLIDE SHOW MODE : NONE	Cancels the slide mode.



Press I◀◀, ▶▶I to skip to the next slide.

- Each time the button is pressed, the slide moves backward or forward.

Digest Function

You can view 9 JPEG images on the TV screen.

1 Press DIGEST button during playback.

- JPEG files will be shown in 9 windows.

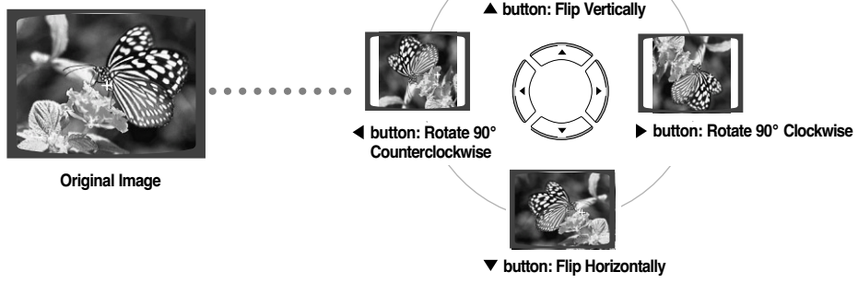
2 Press Cursor ▲, ▼, ◀, ▶ buttons to select the desired image and then press ENTER button.

- The selected image is played for 5 seconds before moving to the next image.

To view the previous or next image with 9 windows, press I◀◀, ▶▶I.

Rotate/Flip Function

Press Cursor ▲, ▼, ◀, ▶ buttons during playback.


▲ button: Flip Vertically
◀ button: Rotate 90° Counterclockwise
▶ button: Rotate 90° Clockwise
▼ button: Flip Horizontally
Original Image

Note

- The maximum resolutions supported by this product are 5120 x 3480 (or 19.0 MPixel) for standard JPEG files and 2048 x 1536 (or 3.0 MPixel) for progressive image files.

Using Disc Menu

You can use the menus for the audio language, subtitle language, profile, etc.
DVD menu contents differ from disc to disc.

DVD

1 In Stop mode, press MENU button.

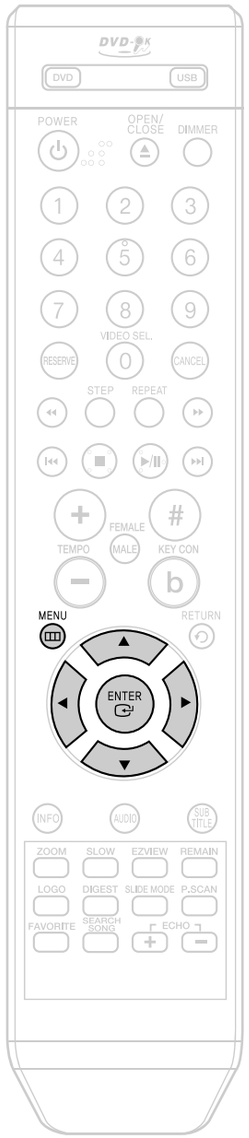
- When playing a VCD (version 2.0), this toggles between MENU ON and OFF.

2 Press Cursor ▲ ,▼ buttons to move to 'DISC MENU' and then press ENTER button.

- When you select the disc menu that is not supported by the disc, the "This menu is not supported" message appears on the screen.

3 Press Cursor▲ ,▼ , ◄ ,► buttons to select the desired item.

4 Press ENTER button.



Note

- Disc menu display may be different depending on the disc.

MENU ON/OFF (PBC) Function
When playing a VCD (version 2.0), you can select and view various scenes according to the menu screen.

MENU ON: This VCD disc is version 2.0. The disc is played back according to the menu screen. Some functions may be disabled. When some functions are disabled, select "MENU OFF" to enable them.

MENU OFF: This VCD disc is version 1.1. The disc is played back in the same way as with a music CD.

Using the Title Menu

For DVDs containing multiple titles, you can view the title of each movie.
Depending on the disc, the availability of this feature may vary.

DVD

1 In Stop mode, press MENU button.

2 Press Cursor▲,▼ button to move to 'Title Menu'.

3 Press ENTER button.

- The title menu appears.

Press MENU button to exit the setup screen.

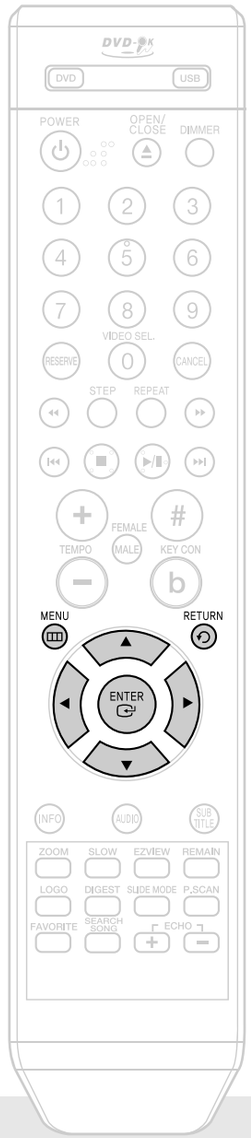
Note • Title menu display may be different depending on the disc.

Setting the DRC (Dynamic Range Compression)

You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

1 In Stop mode, press MENU button.

2 Press Cursor ▼ button to move to 'Audio' and then press ENTER button.



3 If "DRC" is selected, press ENTER.

4 Press Cursor ▲, ▼ to adjust the 'DRC'.

- The Cursor ▲ button is pressed, the greater the effect, and the Cursor ▼ button is pressed, the smaller the effect.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

AV SYNC Setup

Video may look slower than the audio if it is connected to a digital TV.
If this occurs, adjust the audio delay time to to match the video.

1 In stop mode, press the MENU button.

- Setup menu appears.

2 Press Cursor ▲, ▼ buttons to move to 'Audio' and then press ENTER button.

- 'Audio' menu appears.

3 Press Cursor ▲, ▼ buttons to move to 'AV-SYNC' and then press ENTER button.

- AV-SYNC screen appears.

4 Press Cursor ▲, ▼ buttons to select the Delay Time of AV-SYNC and then press the ENTER button.

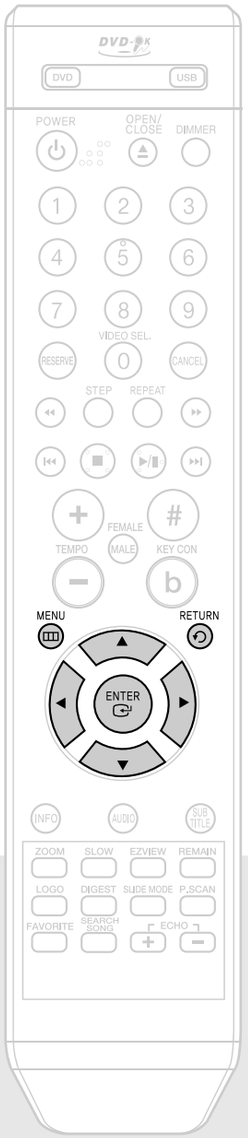
- You can set the audio delay time between 0 ms and 300 ms. Set it for the best sync up with audio.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

Setting the Language

OSD (On-Screen Display) language is set to English by default.



1 In Stop mode, press MENU button.

2 Press Cursor ▼ button to move to 'Setup' and then press ENTER button.

3 Press ENTER button.

4 Press Cursor ▲,▼ button to select the desired item and then press ENTER button.

5 Press Cursor ▲,▼ button to select the desired language and then press ENTER button.

- Once the setup is complete, the OSD will be English if English has been selected as language.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

Note

- To select another language, select OTHER and enter the language code of your country. (See page 60 for language codes)
  AUDIO, SUB TITLE and DISC MENU language can be selected.

Selecting the OSD Language

Selecting the Audio Language (recorded on the disc)

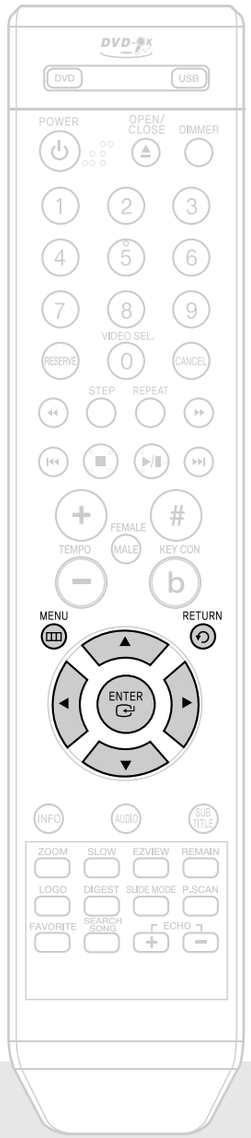
Selecting the Subtitle Language (recorded on the disc)

Selecting the Disc Menu Language (recorded on the disc)

* If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.

Setting TV Screen type

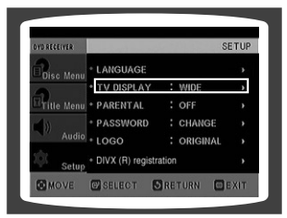
Depending on your TV type (Wide Screen or conventional 4:3), you can select the TV's aspect ratio.



1 In Stop mode, press MENU button.

2 Press Cursor ▼ button to move to 'Setup' and then press ENTER button.

3 Press Cursor ▼ button to move to 'TV DISPLAY' and then press ENTER button.



4 Press Cursor ▲,▼ button to select the desired item and then press ENTER button.

- Once the setup is complete, you will be taken to the previous screen.

Press RETURN button to return to the previous level.

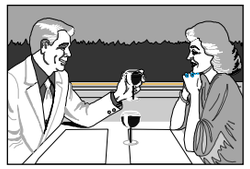
Press MENU button to exit the setup screen.

Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of widescreen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen sizes, you should adjust the aspect ratio to fit your TV or monitor.

- For a standard TV, select either "4:3LB" or "4:3PS" option according to personal preference. Select "16:9" if you have a widescreen TV.

WIDE : Select this to view a 16:9 picture in the full-screen mode on your widescreen TV.
- You can enjoy the widescreen aspect.



4:3LB (4:3 Letterbox) : Select this to play a 16:9 picture in the letter box mode on a conventional TV.
- Black bars will appear at the top and bottom of the screen.

4:3PS (4:3 Pan&Scan) : Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.
- You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).

Note
- If a DVD is in the 4:3 ratio, you cannot view it in widescreen.
- Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.

Setting Parental Controls (Rating Level)

Use this to restrict playback of adult or violent DVDs you do not want children to view.

1 In Stop mode, press MENU button.

2 Press Cursor ▼ button to move to 'Setup' and then press ENTER button.

3 Press Cursor ▼ button to move to 'PARENTAL' and then press ENTER button.

4 Press Cursor ▲, ▼ button to select the desired rating level and then press ENTER button.

- If you have selected Level 6, you cannot view DVDs with Level 7 or higher.
- The higher the level, the closer the content is to violent or adult material.

5 Enter the password and then press ENTER button.

- The password is set to "7890" by default.
- Once the setup is complete, you will be taken to the previous screen.

Note

- This function works only if a DVD disc contains the rating level information.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

Press CANCEL button to cancel the error numeric when you inputting password.

Setting the Password

You can set the password for the Parental (rating level) setting.

1 Press MENU button.

2 Press Cursor ▼ button to move to 'Setup' and then press ENTER button.

3 Press Cursor ▼button to move to 'PASSWORD' and then press ENTER button.

4 Press ENTER button.

5 Enter the password and then press ENTER button.

- Enter the old password, a new password, and confirm new password.
- The setting is complete.

Note

- The password is set to "7890" by default.

If you have forgotten the rating level password, do the following:

- While the player is in the no disc mode, hold the main unit's ■ button for longer than 5 seconds. "INITIALIZE" appears on the display and all settings will return to the default values.
- Press the POWER button.

Using the RESET function will erase all stored settings.
Do not use this unless necessary.

Setting the Wallpaper JPEG DVD VCD

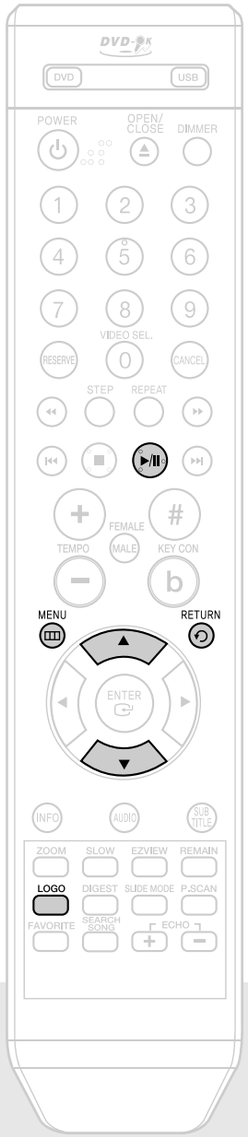
While watching a DVD, VCD or JPEG CD, you can set the image you like as background wallpaper.

Setting the Wallpaper

1 During playback, press PLAY/PAUSE button when the image you like comes up.

2 Press LOGO button.

- "COPY LOGO DATA" will be displayed on the TV screen.



3 The power will turn off and then back on.

- The selected wallpaper will be displayed.
- You can select up to 3 wallpaper settings.

Select this to set the Samsung Logo image as your wallpaper.

Select this to set the desired image as your wallpaper.

To Change the Wallpaper

1 In Stop mode, press MENU button.

2 Press Cursor ▼ button to move to 'Setup' and then press ENTER button.

3 Press Cursor ▼ button to move to 'LOGO' and then press ENTER button.

4 Press ▼ to select the desired 'USER', and then press ENTER.

- This selects one of the 3 wallpaper screens

5 Press MENU button to exit the setup screen.

Press RETURN button to return to the previous level.

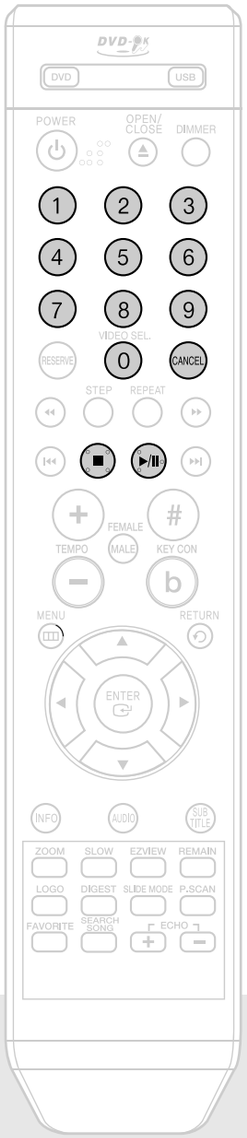
Press MENU button to exit the setup screen.

DivX (R) registration

- Please use the Registration code to register this player with the DivX (R) video on demand format. To learn more, go to www.divx.com/vod.

Playing DVD-OK Discs

You can enjoy the feeling of a karaoke bar in the comfort of your home. Watch the video and sing along the lyrics displayed on the TV screen against the accompaniment.



1 Use the NUMERIC (0~9) buttons to select the song you want to play back.

2 Press the PLAY/PAUSE(▶/Ⅱ) button or the ENTER button.

- The numeric and title of the song will be displayed and the accompaniment starts.

To Clear Incorrectly Entered Song Numeric

- Press the STOP button.

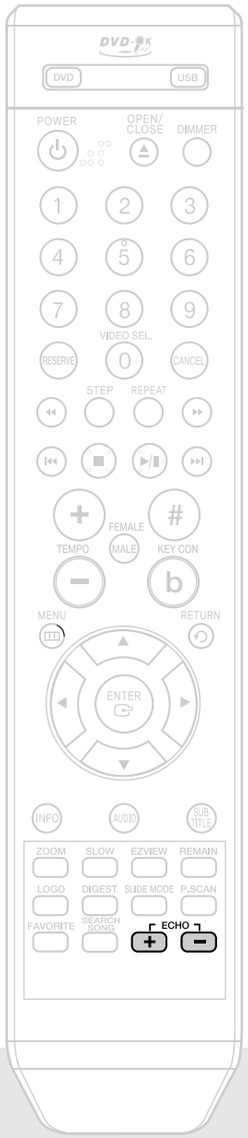
To Stop During Accompaniment

- Press the STOP button.

Note

- The player will automatically switch to STOP mode after more than 3 minutes in PAUSE mode

Connecting Microphone



1 Connect the microphone to the MIC jack on the front panel.

- You can connect up to two microphones.

2 Turn the MIC VOL to adjust the voicd volume of the micro phone.

3 Press the ECHO ＋,－ button to adjust the echo level of the microphone.

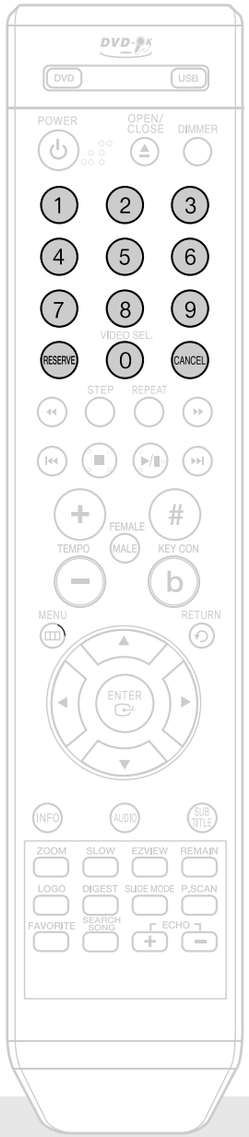
Note

- If you hear strange noises (squealing or howling) while using the Karaoke feature, move the microphone away from the speakers. Turning down the microphone volume or the speaker volume is also effective.
- Mic Function doesn't work while player is in "NO USB" mode.(DVD-K250 ONLY)

SETUP

Reserving Accompaniment Music

While the accompaniment is playing, you can reserve the next song you want to sing.



1 Press the NUMERIC (0~9) buttons to select the song you want to reserve.

2 Press the RESERVE button.

• The next song is reserved.

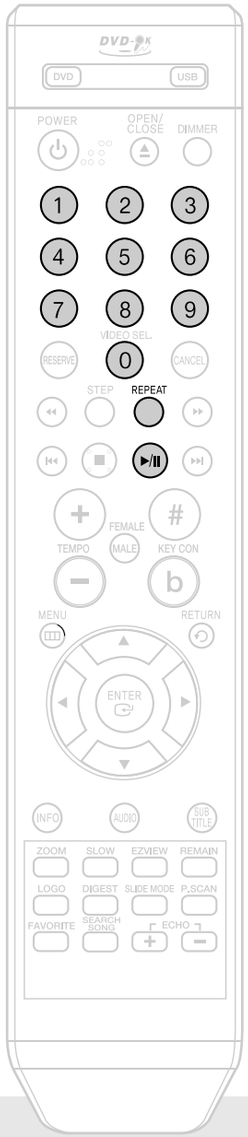
To Cancel the Reservation

1 Enter the numeric of the song you have reserved.

2 Press the CANCEL button.

Priority Playing Accompaniment Music

Even if there is a song already reserved, you can have the song you want to sing to be played first.



1 In Stop mode, press the NUMERIC (0~9) buttons to select the song you want to play back.

2 Press the PLAY/PAUSE(▶/II) button

DVD-OK Repeat Play

Press the REPEAT button.

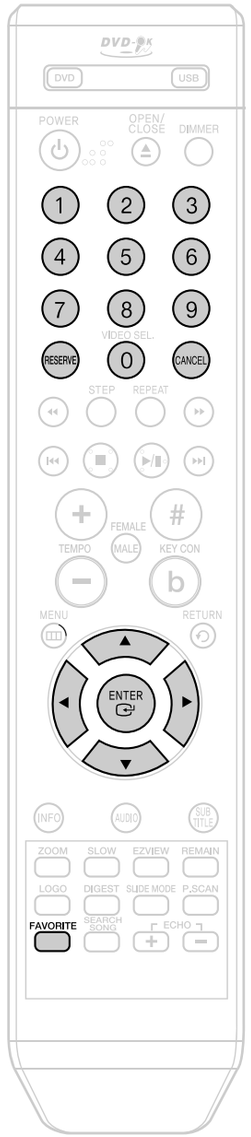
• Each time the button is pressed, the selection changes as follows:
REPEAT OFF → REPEAT ONE → REPEAT ALL → RANDOM.

Note

• RESERVE function will not operate if REPEAT function is set while DVD-OK is played.

Favorite Song Function

You can save 50 songs you like or sing often each in FAVORITE1, 2, 3, a total of 150 songs to easily find and sing a your favorite song.



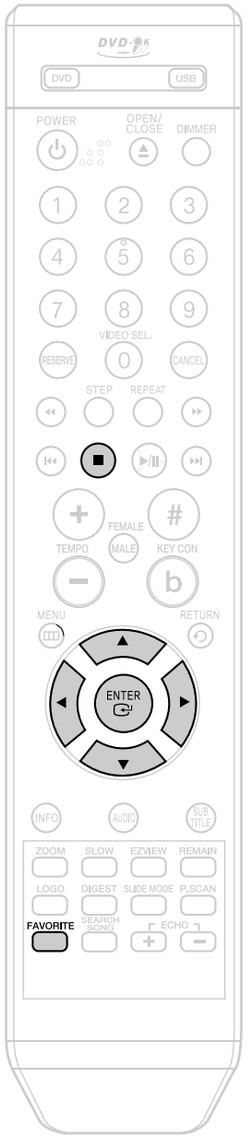
Saving FAVORITE SONG

1 During the stop mode, press the FAVORITE button.

2 Press ◄, ► button to select the location to save among FAVORITE1, 2, 3.

3 Press the number (0~9) button to enter the song you want.

4 Press the RESERVE button to save it.



Singing FAVORITE SONG

1 During the stop mode, press the FAVORITE button.

2 Press ◄, ► button to select the location of song among FAVORITE 1, 2, 3.

3 Press ▲, ▼ button to select the song you want.

4 Press the ENTER button to play back selected song.

SETUP

Deleting FAVORITE SONG

1. During the stop mode, press the FAVORITE button.
2. Press ▲, ▼button to select the song to delete.
3. Press the CANCEL button.

To Exit FAVORITE SONG Screen

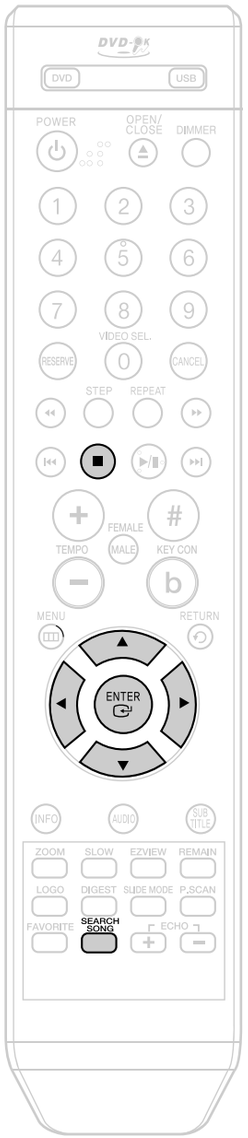
- Press ■ (STOP) button or FAVORITE button.

Search Song Function

You can easily do song search on screen without viewing the song list book.

Structure of Song Search

Items	Detailed Items	Alphabet
RUSSIA	NAME/SINGER	A ~ Я
ENGLISH	NAME/SINGER	A ~ Z
UKRAINE	NAME/SINGER	A ~ Я
DUET SONG	-	
GENRE	ROCK	
	CHANSON	
	FOLK	
	BARD	
	ROMANCES	
HITS SONGS	MODERN	
	30-60S	
	70S/80S	
	CHILDREN	
	ARMY	



Search by Language

1 During the stop mode, press the SEARCH SONG button and then press ▲,▼ button to select the language you want.

- You can select the language among RUSSIA → ENGLISH → UKLAINE.
- At this time, press ◄ button to move to the song list on the bottom.

2 Press ► button to move to the detailed items and then press ▲,▼ button to select the NAME or SINGER.

- Press ◄ button if you want to move to the previous stage.

3 Press ► button to move to alphabet and press ▲,▼ button to select it.

- Press ◄ button if you want to move to the previous stage.

4 Press ► button to move to the song list on the bottom and then press ▲,▼ button to select the song you want.

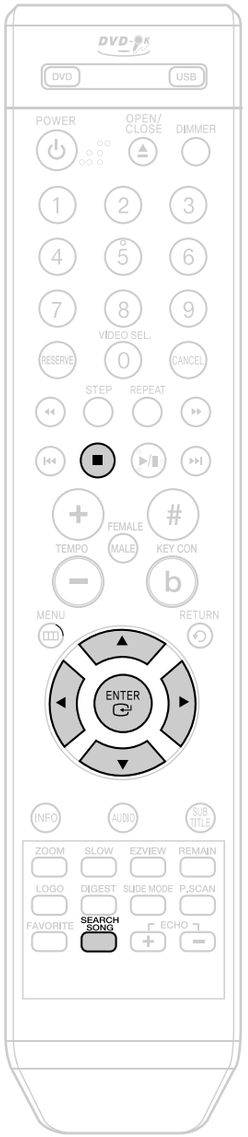
- Press ◄ button if you want to move to the previous stage.

5 Press the ENTER button to play back selected song.

To Exit Search Song Screen

- Press ■ (STOP) button or SEARCH SONG button.

Search Song Function (Con't)



Searching DUET SONG

1 During the stop mode, press the SEARCH SONG button and then press ▲, ▼ button to select the DUET SONG.

2 Press ◄, ► button to move to the song list on the bottom.

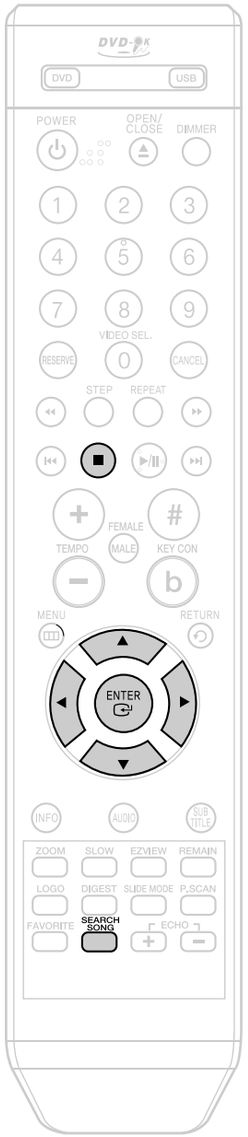
3 Press ▲, ▼ button to select the song you want.

- Press ◄ button if you want to move to the previous stage.

4 Press the ENTER button to play back selected song.

To Exit Search Song Screen

- Press ■ (STOP) button or SEARCH SONG button.



Searching by Genre

1 During the stop mode, press the SEARCH SONG button and then press ▲, ▼ button to select the GENRE.

- At this time, press ◄ button to move to the song list on the bottom.

2 Press ► button to move to the detailed items and then press ◄, ► button to select the genre you want.

- You can select the genre among ROCK → CHANSON → FOLK → BARD → ROMANCES.
- Press ◄ button if you want to move to the previous stage.

3 Press ► button to move to the song list on the bottom and then press ▲, ▼ button to select the song you want.

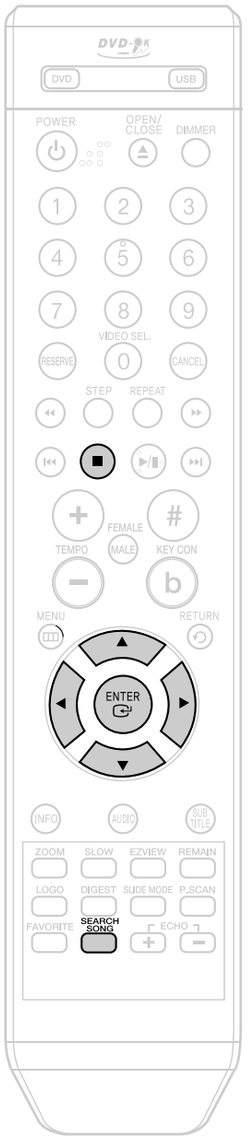
- Press ◄ button if you want to move to the previous stage.

4 Press the ENTER button to play back selected song.

To Exit Search Song Screen

- Press ■ (STOP) button or SEARCH SONG button.

Search Song Function (Con't)



Searching by HITS SONGS

1 During the stop mode, press the SEARCH SONG button and then press ▲, ▼ button to select the HITS SONGS.

- At this time, press ◄ button to move to the song list on the bottom.

2 Press ► button to move to the detailed items and then press ▲,▼button to select the hits song.

- You can select the song amongg MODERN → 30-60S → 70S/80S → CHILDREN → ARMY.
- Press ◄ button if you want to move to the previous stage.

3 Press ► button to move to the song list on the bottom and then press ▲, ▼ button to select the song you want.

- Press ◄ button if you want to move to the previous stage.

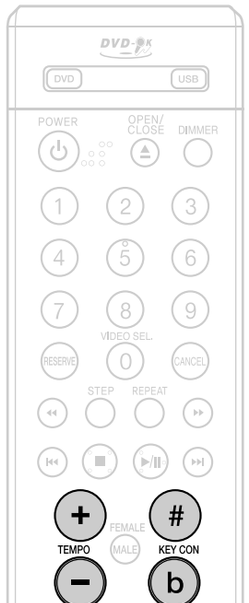
4 Press the ENTER button to play back selected song.

To Exit Search Song Screen

- Press ■ (STOP) button or SEARCH SONG button.

Key Control / Tempo Control

You can easily do song search on screen without viewing the song list book.



Key Control

During the playback, press the KEY CONTROL buttons.

- Each time # button is pressed, the key is increased, and each time b button is pressed, the key is decreased .

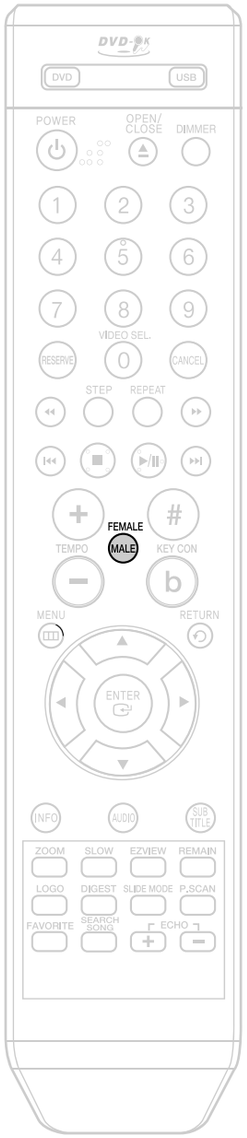
Tempo Control

During the playback, press the TEMPO buttons.

- Each time + button is pressed, the tempo gets faster, and each time – button is pressed the tempo gets slower.

Male-Female Key Control

Male-Female Key Control

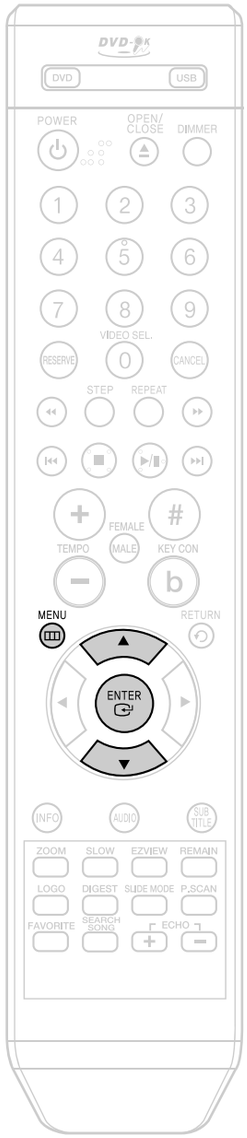


During the playback, press the FEMALE button.

- Each time the button is pressed, this selection alternates between Male and Female.
- Select Male when singing in male voice and select Female when singing in female voice.

Setting the Chorus

You can set the chorus to strong, middle, weak or OFF.



1 Load a DVD-OK discs.

2 Press MENU button.

3 Press Cursor▲,▼ button to move to ‘Chorus’.

4 Press ENTER button to select the desired item.

- Each time the button is pressed, the selection changes as follows: ON → OFF.

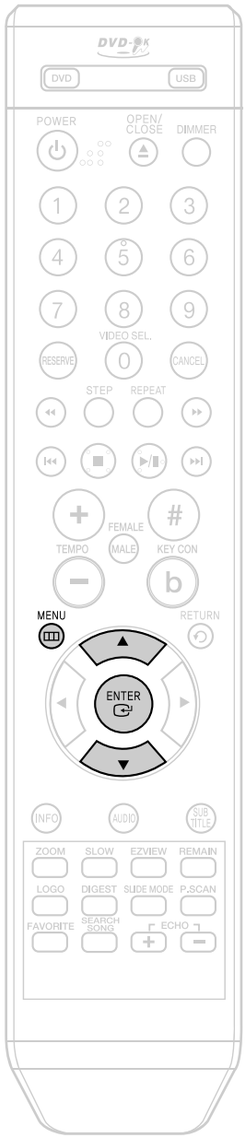
SETUP

Note

- If you operate the Tempo function while a song with supporting chorus is played back, the chorus will be released.
- Chorus function may not work depending on information recorded in the disc.

Setting the Fanfare

You can set Fanfare to come out after singing a song.



1 Load a DVD-OK discs.

2 Press MENU button.

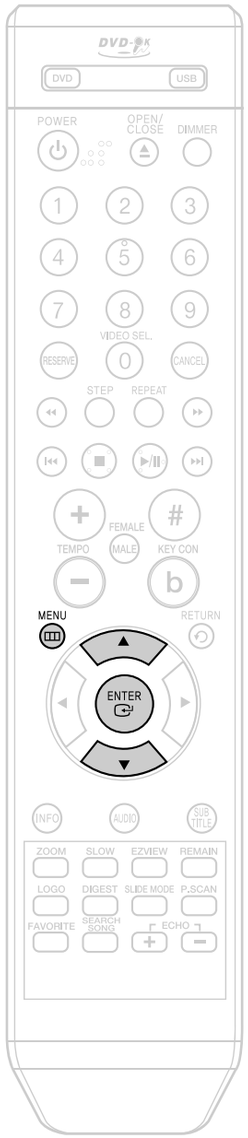
3 Press Cursor▲,▼ button to move to ‘Fanfare’.

4 Press ENTER button to select the desired item.

- Each time the button is pressed, the selection changes as follows: ON → OFF.

Setting the Average Score

You can set the grade of scores displayed in the screen in advance.



1 Load a DVD-OK discs.

2 Press MENU button.

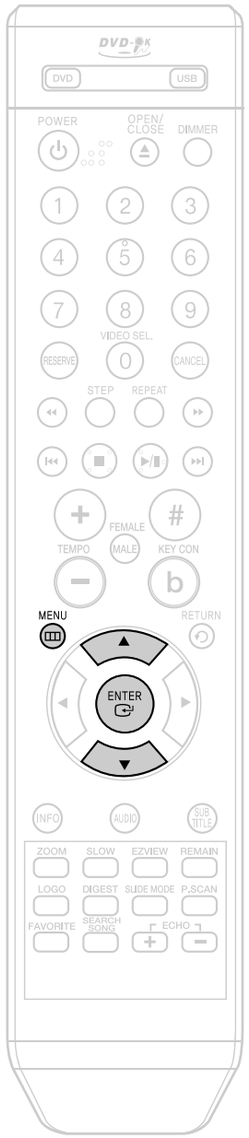
3 Press Cursor▲,▼ button to move to ‘Average Score’.

4 Press ENTER button to select the desired item.

- Each time the button is pressed, the selection changes as follows: LOW → MIDDLE → HIGH → RANDOM → OFF.

Setting the Shadow

You can set the lyrics to be displayed in the black strips.



1 Load a DVD-OK discs.

2 Press MENU button.

3 Press Cursor▲,▼ button to move to 'Shadow'.

4 Press ENTER button to select the desired item.

- Each time the button is pressed, the selection changes as follows: ON → OFF.

DIMMER Function

DIMMER Function

You can adjust the brightness of the display on the main unit so it won't interfere with your movie viewing.

Press DIMMER button.

- Each time the button is press, the brightness changes as follows: DIMMER ON(Dim) → DIMMER OFF(Bright).

Trouble Shooting Guide

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

	Symptom	Remedy
COMMON	● No power.	● Insert the AC power plug securely into the power outlet.
	● Play fails to start even when PLAY is pressed. ● Play starts but then stops immediately.	● Condensation has formed: wait about 1 to 2 hours to allow the player to dry out. ● This player cannot play discs other than DVDs, Video CDs and CDs. ● The disc may be dirty and may require cleaning. ● Ensure that the disc is installed with the label side up.
	● No picture.	● Ensure that the equipment is connected properly. ● Ensure that the input setting for the TV is "Video".
	● No sound. ● Distorted sound.	● Ensure that the equipment is connected properly. ● Ensure that the input settings for the TV and stereo system are correct.
	● Picture is distorted during rapid advance or rapid reverse.	● The picture will be somewhat distorted at times:this is normal.
	● No rapid advance or rapid reverse play.	● Some discs may have sections which prohibit rapid advance(or rapid reverse).
	● No 4:3(16:9) picture.	● Choose the correct setup "TV" item which matches the TV set used.
	● No operations can be performed with the remote control.	● Check the batteries are installed with the correct polarities(+ and -). ● The batteries are depleted:replace them with new ones. ● Point the remote control unit at the remote control sensor and operate. ● Operate the remote control unit at a distance of not more than 7 meters(23 feet) from the remote control sensor. ● Remove the obstacles between the remote control unit and remote control sensor.
	● No key operation (by the unit and/or the remote control) is effective.	● Set the POWER button to OFF and then back to ON. Alternatively, turn off the power, disconnect the power plug and then re-connect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)
	● On-Screen Menu Icons not displayed or only partially displayed on the TV Screen.	● Select the appropriate TV screen type by consulting the operating manual for the TV.
	● The main unit is not working. ● The DVD player is not working normally.	● While "NO DISC" message appears on the display of main unit, hold the main unit's STOP button for longer than 5 seconds. "INITIAL" appears on the display and all settings will return to the default values. ● Press the POWER button. Using the RESET function will erase all stored settings. Do not use this unless necessary.
DVD	● Play does not start even when title is selected.	● Confirm the "PARENTAL" setting.
	● Audio soundtrack and/or subtitle language is not the one selected at the initial settings.	● If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.
	● No subtitles.	● Subtitles appear only with discs which contain them. ● Subtitles are cleared from the TV monitor. Perform the steps to display the subtitles.
	● Alternative audio soundtrack (or subtitle) languages fail to be selected.	● An alternative language is not selected with discs which do not contain more than one language. ● In the case of some discs, the alternative language cannot be selected by operating the AUDIO or SUBTITLE button. Try selecting it from the DVD menu if one is available.
	● Angle cannot be changed.	● This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.
	● When playing a DTS, DVD disc, no sound is produced.	● Since this product incorporates technology, no sound will be output directly from the main unit. ● To listen to DTS sound, connect an amplifier equipped with a DTS decoder to the digital output (OPTICAL OUT).
VCD	● No menu play.	● This function works only for Video CDs with playback control.

Language Code List

Enter the appropriate code number for the initial settings "Disc Audio", "Disc Subtitle" and/or "Disc Menu" (See page 33).

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1181	Frisian	1334	Latvian, Lettish	1506	Slovenian
1028	Abkhazian	1183	Irish	1345	Malagasy	1507	Samoan
1032	Afrikaans	1186	Scots Gaelic	1347	Maori	1508	Shona
1039	Amharic	1194	Galician	1349	Macedonian	1509	Somali
1044	Arabic	1196	Guarani	1350	Malayalam	1511	Albanian
1045	Assamese	1203	Gujarati	1352	Mongolian	1512	Serbian
1051	Aymara	1209	Hausa	1353	Moldavian	1513	Siswati
1052	Azerbaijani	1217	Hindi	1356	Marathi	1514	Sesotho
1053	Bashkir	1226	Croatian	1357	Malay	1515	Sundanese
1057	Byelorussian	1229	Hungarian	1358	Maltese	1516	Swedish
1059	Bulgarian	1233	Armenian	1363	Burmese	1517	Swahili
1060	Bihari	1235	Interlingua	1365	Nauru	1521	Tamil
1069	Bislama	1239	Interlingue	1369	Nepali	1525	Tegulu
1066	Bengali; Bangla	1245	Inupiak	1376	Dutch	1527	Tajik
1067	Tibetan	1248	Indonesian	1379	Norwegian	1528	Thai
1070	Breton	1253	Icelandic	1393	Occitan	1529	Tigrinya
1079	Catalan	1254	Italian	1403	(Afan) Oromo	1531	Turkmen
1093	Corsican	1257	Hebrew	1408	Oriya	1532	Tagalog
1097	Czech	1261	Japanese	1417	Punjabi	1534	Setswana
1103	Welsh	1269	Yiddish	1428	Polish	1535	Tonga
1105	Danish	1283	Javanese	1435	Pashto, Pushto	1538	Turkish
1109	German	1287	Georgian	1436	Portuguese	1539	Tsonga
1130	Bhutani	1297	Kazakh	1463	Quechua	1540	Tatar
1142	Greek	1298	Greenlandic	1481	Rhaeto-Romance	1543	Twi
1144	English	1299	Cambodian	1482	Kirundi	1557	Ukrainian
1145	Esperanto	1300	Kannada	1483	Romanian	1564	Urdu
1149	Spanish	1301	Korean	1489	Russian	1572	Uzbek
1150	Estonian	1305	Kashmiri	1491	Kinyarwanda	1581	Vietnamese
1151	Basque	1307	Kurdish	1495	Sanskrit	1587	Volapuk
1157	Persian	1311	Kirghiz	1498	Sindhi	1613	Wolof
1165	Finnish	1313	Latin	1501	Sangro	1632	Xhosa
1166	Fiji	1326	Lingala	1502	Serbo-Croatian	1665	Yoruba
1171	Faeroese	1327	Laothian	1503	Singhalese	1684	Chinese
1174	French	1332	Lithuanian	1505	Slovak	1697	Zulu

USB Host Feature Supported Products (DVD-K250 only)

Digital Camera

Product	Company	Type
Finepix-A340	Fuji	Digital Camera
Finepix-F810	Fuji	Digital Camera
Finepix-F610	Fuji	Digital Camera
Finepix-f450	Fuji	Digital Camera
Finepix S7000	Fuji	Digital Camera
Finepix A310	Fuji	Digital Camera
KD-310Z	Konica	Digital Camera
Finecam SL300R	Kyocera	Digital Camera
Finecam SL400R	Kyocera	Digital Camera
Finecam S5R	Kyocera	Digital Camera
Finecam Xt	Kyocera	Digital Camera
Dimage-Z1	Minolta	Digital Camera
Dimage Z1	Minolta	Digital Camera
Dimage X21	Minolta	Digital Camera
Coolpix4200	Nikon	Digital Camera
Coolpix4300	Nikon	Digital Camera
Coolpix 2200	Nikon	Digital Camera
Coolpix 3500	Nikon	Digital Camera
Coolpix 3700	Nikon	Digital Camera
Coolpix 4100	Nikon	Digital Camera
Coolpix 5200	Nikon	Digital Camera
Stylus 410 digital	Olympus	Digital Camera
300-digital	Olympus	Digital Camera
U300	Olympus	Digital Camera
X-350	Olympus	Digital Camera
C-760	Olympus	Digital Camera
C-5060	Olympus	Digital Camera
X1	Olympus	Digital Camera
U-mini	Olympus	Digital Camera
Lumix-FZ20	Panasonic	Digital Camera
DMC-FX7GD	Panasonic	Digital Camera
Lumix LC33	Panasonic	Digital Camera
LUMIX DMC-F1	Panasonic	Digital Camera
Optio-S40	Pentax	Digital Camera
Optio-S50	Pentax	Digital Camera
Optio 33LF	Pentax	Digital Camera
Optio MX	Pentax	Digital Camera
Digimax-420	Samsung	Digital Camera
Digimax-400	Samsung	Digital Camera
Sora PDR-T30	Toshiba	Digital Camera
Coolpix 5900	Nikon	Digital Camera
Coolpix S1	Nikon	Digital Camera
Coolpix 7600	Nikon	Digital Camera
DMC-FX7	Panasonic	Digital Camera
Dimage Xt	Minolta	Digital Camera
AZ-1	Olympus	Digital Camera

USB Flash Disk

Product	Company	Type
Cruzer Micro	Sandisk	USB 2.0 USB Flash Drive 128M
Cruzer Mini	Sandisk	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 256M
SONY Micro Vault	Sony	USB 2.0 64MB
FLEX DRIVE	Serotech	USB 2.0 32MB
AnyDrive	A.L tech	USB 2.0 128MB
XTICK	LG	USB 2.0 128M
Micro Mini	Iomega	USB 2.0 128M
iFlash	Imation	USB 2.0 64M
LG	XTICK(M)	USB 2.0 64M
RiDATA	EZDrive	USB 2.0 64M

MP3 Player

Product	Company	Type
Creative MuVo NX128M	Creative	128 MB MP3 Player
Iriver H320	Iriver	20G HDD MP3 Player
YH-920	Samsung	20G HDD MP3 Player
YP-T7	Samsung	MP3 Player
YP-MT6	Samsung	MP3 Player
YP-T6	Samsung	MP3 Player
YP-53	Samsung	MP3 Player
YP-ST5	Samsung	MP3 Player
YP-T5	Samsung	MP3 Player
YP-60	Samsung	MP3 Player
YP-780	Samsung	MP3 Player
YP-35	Samsung	MP3 Player
YP-55	Samsung	MP3 Player
iAUDIO U2	Cowon	MP3 Player
iAUDIO G3	Cowon	MP3 Player
iAudio M3	Cowon	HDD MP3 Player
SI-M500L	Sharp	256MB MP3 Player
H10	Iriver	MP3 Player
YP-T5 VB	Samsung	MP3 Player
YP-53	Samsung	256MB MP3 Player

Multi Card Reader

Product	Company	Type
UNICORN	Unicorn	USB 2.0 7 IN 1 CARD READER UC-601R
USB 2.0 Card Reader	Billionton(Taiwan)	USB 2.0 Card Reader for SD/MMC/RS-MMC(3-in-1)

USB External HDD

Product	Company	Type
CUTIE	Serotech	POCKET HARD DISK DRIVE
MOMOBAY UX-2	Dvico	USB 2.0

Specifications

GENERAL	
Power Consumption	**22W**
Weight	**2.0Kg**
Dimensions (W x H x D)	**DVD-K120 : 430 (W) x 42 (H) x 265 (D) mm**
	DVD-K130/K250 : 430 (W) x 46 (H) x 265 (D) mm
Operating Temperature Range	**+5°C~+35°C**
Operating Humidity Range	**10%~75%**
DISC PLAYER	
Capacity	**1 disc**
Disc sizes	**Diameter: 120 or 80 mm. Thickness: 1.2 mm**
VIDEO OUTPUT	
Composite Video	**1.0Vp-p(75Ω load)**
Scart Jack	**Compositive Video : 1.0Vp-p(75Ω load)**
	RGB signal : 0.714Vp-p(75Ω load)
Component Video	**Y:1.0Vp-p(75Ω load)**
	Pr:0.70Vp-p(75Ω load)
	Pb:0.70Vp-p(75Ω load)
AUDIO OUTPUT	
2 Channels (L/R) - DVD-K120	
Output level	**1.2 Vrms (1KHz, 0 dB)**
Audio characteristics	**frequency response: 20Hz-20KHz**
Signal to Noise	**90dB**
total harmonic distortion	**0.02%(at 1KHz, 0dB)**
5.1 Channels (L/R) - DVD-K130/250	
Output level	**1.2 Vrms (1KHz, 0 dB)**
Audio characteristics	**frequency response: 20Hz-20KHz**
Subwoofer	**frequency response: 20Hz-200Hz**
Signal to Noise	**90dB**
total harmonic distortion	**0.02%(at 1KHz, 0dB)**

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Region	Country	Customer Care Center ☎	Web Site
North America	CANADA	1-800-SAMSUNG (7267864)	www.samsung.com/ca
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	U.S.A	1-800-SAMSUNG (7267864)	www.samsung.com
Latin America	ARGENTINE	0800-333-3733	www.samsung.com/ar
	BRAZIL	0800-124-421	www.samsung.com/br
	CHILE	800-726-7864(SAMSUNG)	www.samsung.com/cl
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	EL SALVADOR	800-6225	www.samsung.com/latin
	GUATEMALA	1-800-299-0013	www.samsung.com/latin
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	PANAMA	800-7267	www.samsung.com/latin
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